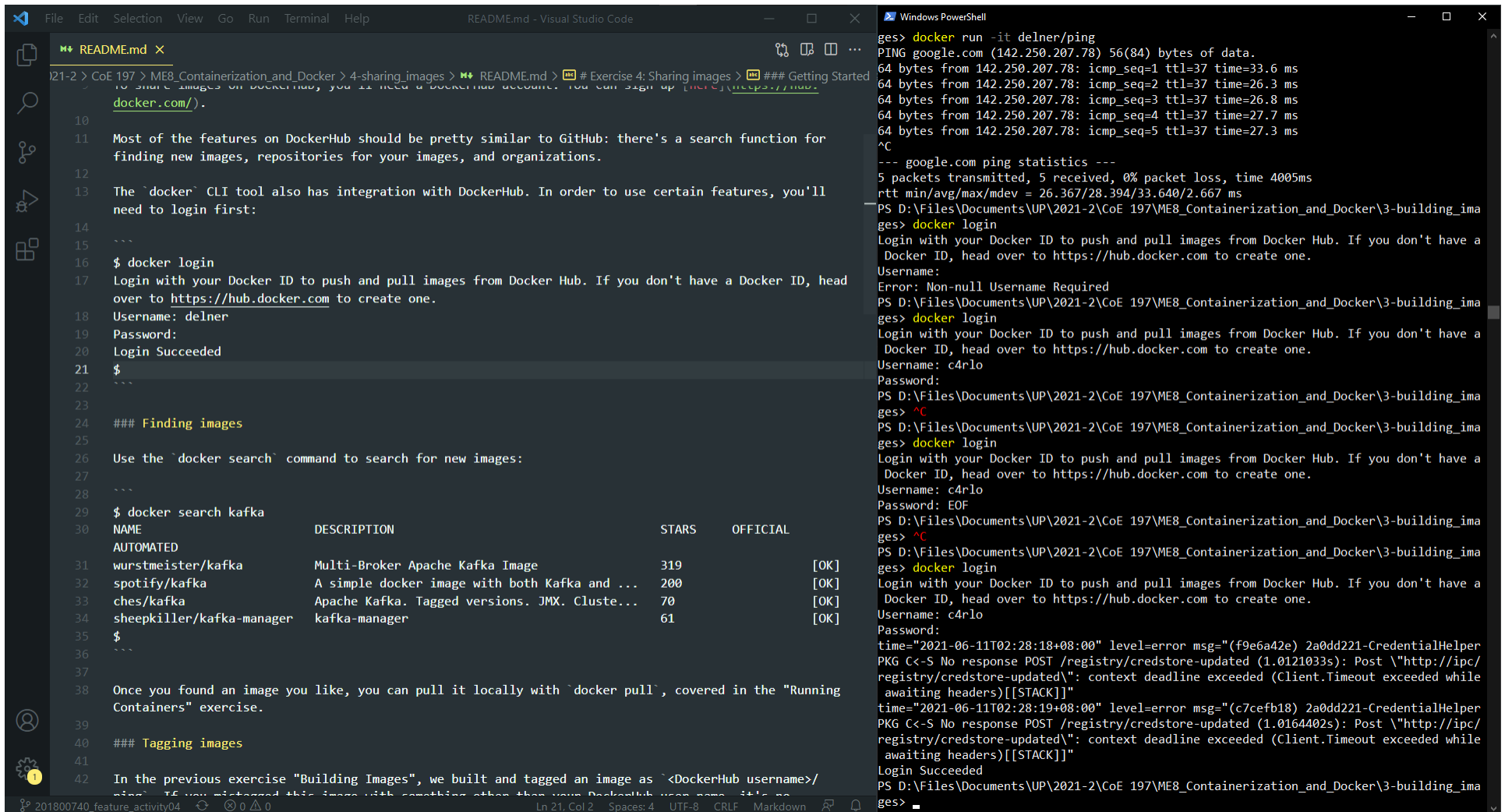


ME08 Activity 4 - Sharing Images



The screenshot shows a Visual Studio Code editor with a README.md file open. The file contains instructions for sharing Docker images, including logging into Docker Hub and searching for images. The Windows PowerShell terminal window shows the execution of these commands.

```
ges> docker run -it delner/ping
PING google.com (142.250.207.78) 56(84) bytes of data.
64 bytes from 142.250.207.78: icmp_seq=1 ttl=37 time=33.6 ms
64 bytes from 142.250.207.78: icmp_seq=2 ttl=37 time=26.3 ms
64 bytes from 142.250.207.78: icmp_seq=3 ttl=37 time=26.8 ms
64 bytes from 142.250.207.78: icmp_seq=4 ttl=37 time=27.7 ms
64 bytes from 142.250.207.78: icmp_seq=5 ttl=37 time=27.3 ms
^C
--- google.com ping statistics ---
5 packets transmitted, 5 received, 0% packet loss, time 4005ms
rtt min/avg/max/mdev = 26.367/28.394/33.640/2.667 ms
PS D:\Files\Documents\UP\2021-2\CoE 197\ME8_Containerization_and_Docker\3-building_ima
ges> docker login
Login with your Docker ID to push and pull images from Docker Hub. If you don't have a
Docker ID, head over to https://hub.docker.com to create one.
Username:
Error: Non-null Username Required
PS D:\Files\Documents\UP\2021-2\CoE 197\ME8_Containerization_and_Docker\3-building_ima
ges> docker login
Login with your Docker ID to push and pull images from Docker Hub. If you don't have a
Docker ID, head over to https://hub.docker.com to create one.
Username: c4rlo
Password:
PS D:\Files\Documents\UP\2021-2\CoE 197\ME8_Containerization_and_Docker\3-building_ima
ges> ^C
PS D:\Files\Documents\UP\2021-2\CoE 197\ME8_Containerization_and_Docker\3-building_ima
ges> docker login
Login with your Docker ID to push and pull images from Docker Hub. If you don't have a
Docker ID, head over to https://hub.docker.com to create one.
Username: c4rlo
Password: EOF
PS D:\Files\Documents\UP\2021-2\CoE 197\ME8_Containerization_and_Docker\3-building_ima
ges> ^C
PS D:\Files\Documents\UP\2021-2\CoE 197\ME8_Containerization_and_Docker\3-building_ima
ges> docker login
Login with your Docker ID to push and pull images from Docker Hub. If you don't have a
Docker ID, head over to https://hub.docker.com to create one.
Username: c4rlo
Password:
time="2021-06-11T02:28:18+08:00" level=error msg="(f9e6a42e) 2a0dd221-CredentialHelper
PKG C<-S No response POST /registry/credstore-updated (1.0121033s): Post \"http://ipc/
registry/credstore-updated\": context deadline exceeded (Client.Timeout exceeded while
awaiting headers)[[STACK]]"
time="2021-06-11T02:28:19+08:00" level=error msg="(c7cefb18) 2a0dd221-CredentialHelper
PKG C<-S No response POST /registry/credstore-updated (1.0164402s): Post \"http://ipc/
registry/credstore-updated\": context deadline exceeded (Client.Timeout exceeded while
awaiting headers)[[STACK]]"
Login Succeeded
PS D:\Files\Documents\UP\2021-2\CoE 197\ME8_Containerization_and_Docker\3-building_ima
ges>
```

README.md

```
10
11 Most of the features on DockerHub should be pretty similar to GitHub: there's a search function for
    finding new images, repositories for your images, and organizations.
12
13 The `docker` CLI tool also has integration with DockerHub. In order to use certain features, you'll
    need to login first:
14
15 ---
16 $ docker login
17 Login with your Docker ID to push and pull images from Docker Hub. If you don't have a Docker ID, head
    over to https://hub.docker.com to create one.
18 Username: delner
19 Password:
20 Login Succeeded
21 $
22 ---
23
24 ## Finding images
25
26 Use the `docker search` command to search for new images:
27
28 ---
29 $ docker search kafka
30
31 NAME                DESCRIPTION                                STARS    OFFICIAL
32 wurstmeister/kafka  Multi-Broker Apache Kafka Image           319      [OK]
33 spotify/kafka        A simple docker image with both Kafka and ... 200      [OK]
34 ches/kafka           Apache Kafka. Tagged versions. JMX. Cluste... 70       [OK]
35 sheepkiller/kafka-manager kafka-manager                               61       [OK]
36 $
37 ---
38
39 Once you found an image you like, you can pull it locally with `docker pull`, covered in the "Running
    Containers" exercise.
40
41 ## Tagging images
42
43 In the previous exercise "Building Images", we built and tagged an image as `c4rlo/DockerHub username`/
    image. If you wanted this image with something other than your DockerHub user name, it's as
```

Log in successful

```
PS D:\Files\Documents\UP\2021-2\CoE 197\ME8_Containerization_and_Docker\3-building_images> docker images
REPOSITORY          TAG             IMAGE ID        CREATED         SIZE
c4rlo/ping           1.0            dee169a2bac8   About an hour ago  139MB
ubuntu               16.04          9ff95a467e45   3 weeks ago     135MB
spotify/kafka        latest          a9e0a5b8b15e   4 years ago     443MB
PS D:\Files\Documents\UP\2021-2\CoE 197\ME8_Containerization_and_Docker\3-building_images> docker push c4rlo/ping:1.0
The push refers to repository [docker.io/c4rlo/ping]
f161a8bd090f: Pushed
cdc4d0cd3d15: Mounted from library/ubuntu
43d05a2c9517: Mounted from library/ubuntu
1902cf049561: Mounted from library/ubuntu
9fe04650404a: Mounted from library/ubuntu
1.0: digest: sha256:f85ecf8b2dea7e71e579cd73da7ee586f9c5b6de6ab2cb901a98591ad71fc3d0 size: 1361
PS D:\Files\Documents\UP\2021-2\CoE 197\ME8_Containerization_and_Docker\3-building_images> _
```

Pushed c4rlo/ping :D